



SUITE 3, 5090 CENTRAL HIGHWAY  
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MEMORANDUM

TO: Gerry Heston, OSC, U.S. EPA, Region III PCS #3371  
THRU: Steve Jarvela, DPO, U.S. EPA, Region III  
THRU: Rich Habrukowich, TATL, Region III *RH*  
FROM: E. Terry Jensen, TATM, Region III  
DATE: September 9, 1985  
SUBJECT: Trip Report, L.A. Clarke Site

Introduction

The L.A. Clarke Site is presently an operating creosote wood preserving plant. It is located on Route 608 southeast of the Massaponax Creek in Spotsylvania, Virginia.

L.A. Clarke & Son has been in operation since the late 1930's. The site has operated as a wood preserving plant since Mr. L.A. Clarke first constructed it. The Clarke family operated the plant until April, 1979. The present owners took over in June, 1980. Since 1980 it has been classified as a treater of hazardous waste by RCRA. In 1984 it was placed on the National Priorities List (NPL).

The purpose of this trip was to sample the soil and water on and off the site and to determine if emergency action were necessary.

Trip Activities

Sampling took place on May 23 and 24, 1985. Its purpose was to investigate for off-site migration of contaminants. Soils, surface water and groundwater were sampled. Weather conditions during these two days were cloudy, humid and intermittent showers.

Samples A-1 and A-4 were taken just downflow of straw filter fences that needed maintenance. Soil samples were difficult to obtain at locations A-2, A-4 and A-6 because the sediments consisted of coarse grain sands and pebbles. Sample locations A-5 and A-8 were taken in standing water of oxbows (remnant stream channels). Sample A-3 was taken on the north bank of the Massaponax Creek at a slow moving section of the creek. Sample A-7 was taken at the northeast corner of the drainage system. At this section no water movement was observed.

AR400004

Memorandum  
Trip Report, L.A. Clarke Site  
September 9, 1985

Page Two

Trip Activities (continued)

Location D-1 is well #4 in the storage area north of the office. An attempt to bail the well was made, but was found to contain contamination. It was noted that there was a variety of contaminants, some heavier than water and some lighter. The well was not purged because no disposal method of the contaminated water was available.

Soil samples were taken at location D-2 because it appeared that spillage from the lagoon had occurred. The vegetation was stressed to non-existent.

Locations A-13 and A-14 are well #'s B-16 and B-17 respectively. The wells were bailed three well volumes and then sampled. Other wells, west of these, were noted having "oily" appearances on PVC casing. These wells were not sampled because of no disposal method of contaminated waters was available.

During the on-site sampling RCRA personnel and the OSC sampled near home wells:

A-9	Garnett Well
A-10	Hedberg Well
A-11	Browning Well
A-12	Park Well

The sampling was completed late afternoon on May 24. All VOA's were on ice immediately and remained in cold storage until shipping on May 28, 1985.

Included with this report are a table and map which will aid the reader in identifying samples and their locations.

ETJ:lal

Enclosed

AR400005

Memorandum  
 Trip Report, L.A. Clarke Site  
 September 9, 1985

ENCLOSURE

Cross Reference Table for Sample Location to Sample Number

<u>Sample Location Number</u>	<u>Soil Inorganic Samples</u>	<u>Soil Organic Samples</u>	<u>Water Inorganic Samples</u>	<u>Water Organic Samples</u>
A-1	MCC 017	CA 930	MCC 008	CA 931 ND
A-2	MCC 005	CA 928 M	MCC 020	CA 927 ND
A-3	MCC 019	CA 926 ✓	MCC 004	CA 925 ND
A-4	MCC 001	CA 920 ✓	MCC 016	CA 916
A-5	MCC 018	CA 924 ✓	MCC 003	CA 923 ✓
A-6	MCC 002	CA 922 ✓	20-MCC 017	CA 921 ND
A-7	MCC 009	CA 929 ✓	MCC 022	CA 934 ✓
A-8	MCC 010	CA 932	MCC 021	CA 933 ND
A-9			MCC 024	CA 935 ND
A-10			MCC 025	CA 936 ND
A-11			MCC 026	CA 937 ND
A-12			MCC 027	CA 938 ND
A-13			MCC 028	CA 940 ✓
A-14			MCC 029	CA 939 ✓
A-15			MCC 030	CA 941 ND

Station Number

Sample Location

01

A-13 = Well B-16

02

A-14 = Well B-17

D-1

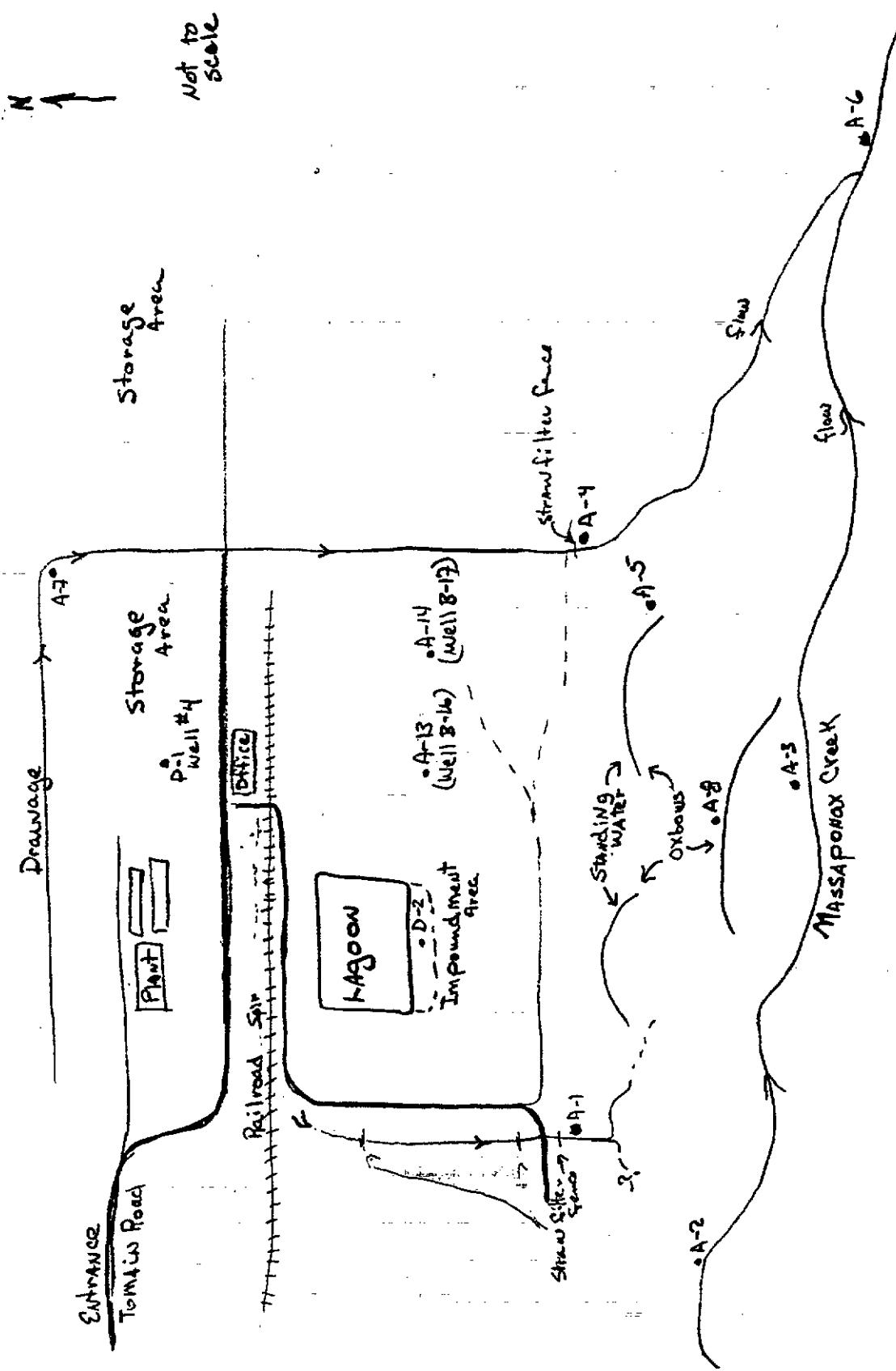
Well #4 north of office

D-2

Berm sample taken from impoundment area south of lagoon

AR400006

L.A. Clark & Sons



Not to scale

AR400007